

David Garrett

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

Bob Holden, Governor • Stephen M. Mahfood, Director

DIVISION OF ENVIRONMENTAL QUALITY
P.O. Box 176 Jefferson City, MO 65102-0176

June 18, 2001

CERTIFIED MAIL #7099 3220 0009 3729 4233
RETURN RECEIPT REQUESTED

REC'D
JUN 28 2001
RCAP

Mr. Thomas S. Sanicola
Environmental Engineer
Modine Manufacturing Company
1500 DeKoven Avenue
Racine, WI 53403-2552

RE: Abandonment of Groundwater Monitoring Wells, Modine Manufacturing
Company, Camdenton, Missouri

Dear Mr. Sanicola:

Per our conversation on June 14, 2001, the Missouri Department of Natural Resources' Hazardous Waste Program (HWP) is recommending that Modine plug and abandon groundwater monitoring wells MW-3 and MW-4, as soon as practical. Monitoring wells MW-3 and MW-4 are open hole wells with approximately 120 to 150 feet of open borehole. Due to the karst nature of the geology and variations in the lithology of the area, an open bore hole of this extent may provide a hydraulic connection between zones of higher permeability not normally in communication. The proper plugging and abandonment of MW-3 and MW-4 will eliminate these wells as potential groundwater and contaminant pathways.

Modine should abandon monitoring wells MW-3 and MW-4 in accordance with the requirements set forth in the Missouri Well Construction Rules, 10 CSR 23-4.080. Any variations from the regulations must be approved by the Division of Geology and Land Survey prior to plugging the wells.

The department's HWP recommends that Modine install additional groundwater monitoring wells to replace monitoring wells MW-3 and MW-4. These wells should be properly screened and cased per Missouri Well Construction Rules, 10 CSR 23-4. A meeting between the department's HWP and Modine to discuss monitoring well locations and depths would be appropriate.



R00183048

RCRA RECORDS CENTER

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Please contact me at (573) 751-3553 to set up a meeting.

Sincerely,

HAZARDOUS WASTE PROGRAM

A handwritten signature in cursive script, appearing to read "Christine M. Kump".

Christine M. Kump
Environmental Engineer
Permits Section

CMK:bi

c: Ms. Shelley Woods, Attorney General's Office
Mr. Kurt Hollman, Division of Geology and Land Survey
Mr. David Garrett, U.S. EPA Region VII